



Water-Data Report 2008

08104900 South Fork San Gabriel River at Georgetown, TX

Little Basin
San Gabriel Subbasin

LOCATION.--Lat 30°37'32", long 97°41'27" referenced to North American Datum of 1927, Williamson County, TX, Hydrologic Unit 12070205, on right bank at downstream side of downstream bridge on Interstate Highway 35, 1.1 mi southwest of the courthouse at Georgetown, and 2.4 mi upstream from mouth.

DRAINAGE AREA.--133 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1947 to Sept. 1948, Sept. 1962 to Oct. 1967 (occasional low-flow measurements), Dec. 1967 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Oct. 1962 to June 1963, Apr. 1978 to Feb. 1979.

BIOCHEMICAL DATA: Oct. 1962 to June 1963.

REVISED RECORDS.--WDR TX-76-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 687.72 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair except for estimated daily discharges, and those daily discharges below 5 ft³/s, which are poor. No known regulation or diversions. No flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1887, about 41 ft Apr. 24, 1957, from information by local residents.

REVISIONS.--The maximum discharge for the 2002 water year has been revised to 41,000 ft³/s, Nov 15, 2001, gage height, 27.06 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 15	0530	*701	*5.34

Water-Data Report 2008

08104900 South Fork San Gabriel River at Georgetown, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	11	12	8.0	6.1	2.5	15	9.3	6.9	1.0	e0.10	0.03
2	25	11	11	7.4	4.7	3.3	13	8.7	6.2	0.72	e0.10	0.03
3	24	12	e9.8	7.2	7.2	5.4	12	8.1	4.5	0.55	e0.17	0.00
4	23	12	e9.8	5.8	5.8	4.6	31	7.6	3.9	0.46	e0.12	0.01
5	21	11	9.5	6.5	5.5	3.2	42	8.6	3.5	0.38	0.18	0.01
6	21	9.3	9.6	7.3	4.4	4.6	26	7.3	3.6	0.56	0.25	0.01
7	21	8.6	9.7	7.6	4.6	7.6	21	6.7	3.3	1.2	0.26	0.00
8	25	8.9	13	8.7	4.0	6.8	17	6.7	3.9	1.5	0.28	0.00
9	22	9.2	11	7.1	3.9	7.6	17	6.3	3.5	0.87	0.17	0.00
10	19	9.1	9.1	6.2	4.9	20	18	6.8	2.1	0.80	e0.04	11
11	18	11	8.1	6.2	5.6	15	16	6.7	3.0	0.50	e0.04	0.72
12	17	9.5	14	7.1	4.4	9.1	14	6.4	2.7	0.41	e0.06	0.60
13	16	8.6	14	6.9	4.9	8.3	14	5.3	1.5	0.21	e0.05	0.41
14	15	8.4	10	6.8	5.3	6.5	12	20	2.6	0.50	e0.04	0.26
15	16	7.4	13	5.8	4.7	5.2	11	256	2.4	0.88	e0.04	0.15
16	16	7.2	9.7	5.8	6.3	6.1	9.6	60	2.1	0.76	e0.03	0.14
17	16	7.5	9.2	5.8	6.7	6.1	11	33	1.1	0.59	e0.02	0.11
18	15	9.6	7.9	6.6	5.3	33	18	26	1.7	0.63	e0.27	0.09
19	13	9.0	7.9	7.5	4.8	45	15	22	1.3	0.65	1.7	0.07
20	13	8.2	7.7	8.2	4.1	20	14	18	1.5	0.48	0.71	0.13
21	12	8.6	7.7	8.6	4.6	14	13	19	0.97	0.53	0.49	0.13
22	15	8.7	9.3	7.5	3.8	12	12	16	1.2	0.38	0.50	0.06
23	13	8.6	9.2	7.1	3.5	12	11	14	1.2	0.36	0.37	0.09
24	12	14	8.9	6.7	4.2	11	9.6	14	0.64	0.39	0.28	0.03
25	12	17	8.5	6.7	5.1	8.7	9.9	14	0.87	0.46	0.17	0.02
26	11	13	7.7	6.8	3.6	8.2	10	13	0.63	0.46	0.17	0.01
27	11	10	6.6	7.6	4.2	e8.1	14	12	0.54	0.37	0.05	0.03
28	13	9.8	8.0	8.4	2.5	e8.6	13	10	0.38	e0.22	0.05	0.07
29	12	11	6.4	6.5	3.2	61	10	8.0	0.34	0.55	0.04	0.06
30	11	12	8.2	5.7	---	45	8.3	7.1	1.0	e0.18	0.05	0.02
31	11	---	7.8	6.4	---	21	---	6.4	---	e0.08	0.08	---
Total	515	301.2	294.3	216.5	137.9	429.5	457.4	663.0	69.07	17.63	6.88	14.29
Mean	16.6	10.0	9.49	6.98	4.76	13.9	15.2	21.4	2.30	0.57	0.22	0.48
Max	26	17	14	8.7	7.2	61	42	256	6.9	1.5	1.7	11
Min	11	7.2	6.4	5.7	2.5	2.5	8.3	5.3	0.34	0.08	0.02	0.00
Ac-ft	1,020	597	584	429	274	852	907	1,320	137	35	14	28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	33.2	41.2	45.1	47.4	69.0	70.5	69.1	87.9	120	38.1	13.9	20.1
Max	221	423	489	441	711	367	445	329	851	355	131	306
(WY)	(1974)	(2002)	(1992)	(1968)	(1992)	(1992)	(1997)	(1997)	(2007)	(2002)	(1974)	(1981)
Min	0.07	0.16	0.22	0.31	0.57	1.10	0.89	0.24	0.37	0.13	0.04	0.02
(WY)	(1979)	(1989)	(1989)	(1996)	(2006)	(1996)	(1996)	(1984)	(1971)	(1978)	(1980)	(1984)

08104900 South Fork San Gabriel River at Georgetown, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2007	Water Year 2008	Water Years 1968 - 2008	
Annual total	60,502.7	3,122.67		
Annual mean	166	8.53	52.6	
Highest annual mean			203	1992
Lowest annual mean			2.00	2000
Highest daily mean	18,400	Jun 27	256	May 15
Lowest daily mean	3.5	Jan 10	0.00	Sep 3
Annual seven-day minimum	4.8	Jan 6	0.00	Sep 3
Maximum peak flow			701	May 15
Maximum peak stage			5.34	May 15
Annual runoff (ac-ft)	120,000	6,190	38,140	
10 percent exceeds	266	16	98	
50 percent exceeds	53	6.8	12	
90 percent exceeds	8.9	0.11	0.32	

P Observed.

